



August 1, 2019

Via Email and Fed Ex

Mr. Russell Fish
Office of Remediation 3LC20
U.S. Environmental Protection Agency
1650 Arch Street
Philadelphia, PA 19103-2029

**Subject: Quarterly Progress Report
Honeywell International Inc.
Delaware Valley Works
Claymont, DE
Docket No. RCRA 03-2011-0252CA**

Dear Mr. Fish:

On behalf of Honeywell International Inc. (Honeywell), Wood Environment & Infrastructure Solutions, Inc. (Wood), is submitting this Quarterly Progress Report for the activities conducted by Honeywell at its Delaware Valley Works (DVW) in Claymont, Delaware. This report is being submitted in accordance with the requirements outlined in Section VI (D)(3) of the Administrative Order on Consent, Docket No. RCRA 03-2011-0252CA. This report covers the period from May 1, 2019 to August 1, 2019.

A. Identification of Site

Honeywell – Delaware Valley Works
6100 Philadelphia Pike
Claymont, Delaware 19703

B. Status of Work and Progress to Date

- On May 17, 2019 Wood submitted a response to the U.S. Environmental Protection Agency's (EPA's) comments on the *SWMU 9 Geotechnical Investigation Report*.
- On June 3, 2019 Wood submitted to EPA the *Vapor Intrusion Technical Memorandum* which summarized the results of the heating season vapor intrusion sampling conducted in March 2019.
- Implemented short-term interim measures to address the BF3 Control Room vapor intrusion sampling results in accordance with the *Vapor Intrusion Technical*

Wood Environment & Infrastructure Solutions, Inc.

751 Arbor Way, Suite 180
Blue Bell, PA 19422-1951
610-828-8100 office
610-828-6700 fax
www.woodplc.com



Memorandum and conducted indoor air sampling to evaluate the effectiveness of these measures.

- On Jun 13, 2019 Wood submitted to EPA the *Groundwater Interim Report* which summarized the soil and groundwater data collected from the MW-6 VOCs Area in April 2019.
- On June 25, 2019 Wood submitted to EPA the *Revised SWMU 9 Geotechnical Investigation Report*.
- On June 26, 2019 EPA provided approval of the *Revised SWMU 9 Geotechnical Investigation Report*.
- On July 3, 2019 EPA provided approval of the *Groundwater Interim Report* but requested that additional wells SM23-MW1, SM22-MW2, and MW-104 be included in the groundwater sampling event following a discussion during a conference call between EPA, Honeywell, and Wood on July 2, 2019.
- On July 3, 2019 Wood submitted to EPA the *SWMU 9 Supplemental Work Plan*.
- On July 29, 2019 Wood submitted to EPA the *Revised SWMU 9 Supplemental Work Plan* based on EPA comments via email dated July 18, 2019.
- From July 29 through August 1 Wood conducted the cooling season vapor intrusion sampling.
- On July 30, 2019 Wood installed a sub-slab depressurization system (SSDS) at the BF3 Control Room as a long-term measure to address vapor intrusion.

C. Difficulties Encountered During Reporting Period

- None this period.

D. Actions Taken to Rectify Difficulties

- None this period.

E. Activities Planned for Next Quarter

- Conduct additional soil sampling at the MW-6 VOCs area and well installation at the MW-6 VOCs area and downgradient of Areas 5 and 6, pending receipt of a PennDOT permit for well installation in the right-of-way.
- Conduct groundwater sampling from newly installed wells and select existing wells in accordance with the EPA-approved *Interim Groundwater Report*.
- Finalize and submit the *SWMU 9 Supplemental Work Plan*.
- Install and sample the additional SWMU 9 soil borings and monitoring wells pending EPA approval of the *SWMU 9 Supplemental Work Plan*.
- Conduct operation & maintenance (O&M) visits and indoor air sampling associated with the BF3 Control Room SSDS.
- EPA approval of the DVW RFI Report, BHHRA, and BERA.
- EPA approval of the SWMU 9 Corrective Measures Objectives matrix.
- EPA approval of the *SWMU 9 Data Summary Report*.

- Submittal of the 90% *Design Interim Measure Work Plan – Lower Sluiceway, Shoreline and Sediment*.
- Finalize and submit application to DNREC for Subaqueous Lands Permit.
- Finalize and submit application for New Castle County Floodplain Permit Application.
- Finalize and submit USACE Nationwide Permit 38 application.

F. Explanation of Any Non-Compliance

- None this period.

G. Discussion of Performance Evaluation of Remedial Measures

- Not applicable.

Attached to this letter is the certification by Honeywell as required by the Administrative Order on Consent, Docket No. RCRA 03-2011-0252CA. Please contact John P. Mihalich at 610-877-6020 if you require additional information.

Sincerely,

Wood Environment & Infrastructure Solutions, Inc.



John P. Mihalich
Associate Geologist

Attachment Certification

cc: Steve Coladonato – Honeywell
 Nelson Johnson – Arnold & Porter
 Rus Davis – Honeywell
 Lawrence Matson– DNREC
 James Wentzel, P.E. – PADEP

CERTIFICATION

I certify that the information contained in or accompanying this Quarterly Progress Report is true, accurate, and complete.

As to the identified portion of this Quarterly Progress Report for which I cannot personally verify its accuracy, I certify under penalty of law that this Report and all attachments were prepared in accordance with procedures designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, or the immediate supervisor of such person(s), the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fines and imprisonment for knowing violations.



Signature: _____

Name: Steve Coladonato

Title: Remediation Manager, Honeywell International Inc.